NC/QC/YPD/2020-21/W5-SP-C1 Date: 02-02-2021

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**152 min**	Shall not be less than 30 min
2	Final setting time	**270 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.19%**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.06 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.64 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Kannappa condiments Road(RHS)

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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EMAIL:newzen576@gmail.com

NC/QC/YPD/2020-21/W5-SP-PCC1 **Date: 02-02-2021**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur)
Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**67.55**	0 -20	30- 70
10mm	**31.25**	0 -5	10- 35
4.75mm	**4.05**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**98.35**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**83.05**	60-95	75-100	85-100	
01.18	**71.65**	30-70	55-90	75-100	
600.mic	**47.85**	15-34	35-59	60-79	
300.mic	**23.45**	5-20	8-30	12-40	
150.mic	**6.95**	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Kannappa condiments Road(RHS)

Asst. Executive Engineer
Project Division
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NC/QC/YPD/2020-21/W5-SP-C2 Date: 06-02-2021

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**163 min**	Shall not be less than 30 min
2	Final setting time	**265 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.14%**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.06 mm**	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	**28.74 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Lakshmayya Garden(LHS)

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Yelahanka Zone
BBMP, Bangalore - 92

NC/QC/YPD/2020-21/W5-SP-PCC2 **Date: 06-02-2021**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur)
Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**62.70**	0 -20	30- 70
10mm	**29.15**	0 -5	10- 35
4.75mm	**3.85**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**96.35**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**81.05**	60-95	75-100	85-100	
01.18	**73.55**	30-70	55-90	75-100	
600.mic	**46.15**	15-34	35-59	60-79	
300.mic	**25.05**	5-20	8-30	12-40	
150.mic	**7.35**	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Lakshmayya Garden(LHS)

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Asst. Executive Engineer
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Yelahanka Zone
BBMP, Bangalore - 92

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NC/QC/YPD/2020-21/W5-SP-C3 Date: 10-02-2021

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**162 min**	Shall not be less than 30 min
2	Final setting time	**285 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.13%**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.08 mm**	Shall not be more than 10 mm
5	Compressive strength c) 3 days (average of three results)	**28.56 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : HemannaSwami Road(RHS)

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NC/QC/YPD/2020-21/W5-SP-PCC3 **Date: 10-02-2021**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**62.35**	0 -20	30- 70
10mm	**29.85**	0 -5	10- 35
4.75mm	**3.50**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**97.20**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**81.55**	60-95	75-100	85-100	
01.18	**74.65**	30-70	55-90	75-100	
600.mic	**47.35**	15-34	35-59	60-79	
300.mic	**23.15**	5-20	8-30	12-40	
150.mic	**6.80**	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : HemannaSwami Road(RHS)

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Asst. Executive Engineer
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BBMP, Bangalore - 92

NC/QC/YPD/2020-21/W5-SP-PCC4 **Date: 15-02-2021**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**65.80**	0 -20	30- 70
10mm	**30.25**	0 -5	10- 35
4.75mm	**4.10**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**95.35**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**80.15**	60-95	75-100	85-100	
01.18	**73.65**	30-70	55-90	75-100	
600.mic	**48.20**	15-34	35-59	60-79	
300.mic	**24.55**	5-20	8-30	12-40	
150.mic	**7.10**	0-10	0-10	0-10	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Kannappa condiments Road(LHS)

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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NC/QC/YPD/2020-21/W5-SP-CE1 Date: 12-02-2021

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**158 min**	Shall not be less than 30 min
2	Final setting time	**270 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.86 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.98 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.45 N/Sq mm**	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : 2nd Cross Road

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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EMAIL:newzen576@gmail.com

NC/QC/YPD/2020-21/W5-SP-FA2 **Date: 12-02-2021**

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur)
Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	**97.15**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**81.25**	60-95	75-100	85-100	
01.18	**74.05**	30-70	55-90	75-100	
600. mic	**45.80**	15.34	35-59	60-79	
300.mic	**23.55**	5-20	8-30	12-40	
150.mic	**6.35**	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	**Requirements** as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	**17.62%**	-----
2	Silt Content	----	**0.58%**	Not more than 8%
3	Specific Gravity	----	**2.61**	-------

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Lakshmayya Garden

Page No. 1/1,

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NEWZEN CONSULTANT ★ Bangalore ★

NC/QC/YPD/2020-21/W5-SP-S1 **Date: 12-02-2021**

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 10and 12 mm **TMT Steel.**

{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

TABLE – 1

SL No	Details	For 10 mm		For 12 mm	
		Test Results	Min Req. as per IS 1786-2008	**Test Results**	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**10.0 mm**	10.0 mm	**12.0 mm**	12.0 mm
02	Observed Wt/m Length **Kg/m**	**0.623**	0.567	**0.891**	0.834
03	Proof stress/Yield stress, fy , **N/mm^2**	**558.0**	500.0	**554.0**	500.0
04	Bend/ Re bend Test	**Ok**	---	**Ok**	---
05	Percentage of Elongation, %	**19.60**	12.00	**20.50**	12.00
06	Ultimate Tensile Strength **N/mm^2**	**649.0**	545.0	**646.0**	545.0

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : HemannaSwami Road

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Asst. Executive Engineer
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Yelahanka Zone
BBMP, Bangalore - 92

NEWZEN CONSULTANT Bangalore

NC/QC/YPD/2020-21/W5-SP-CB1

Date: 22-02-2021

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	15-02-21	22-02-21	07	22500	365	16.22	**16.30**
	002	"	"	"	"	360	16.00	
	003	"	"	"	"	375	16.67	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Kannappa condiments Road(RHS)

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20.2.21
Asst. Executive Engineer
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EMAIL:newzen576@gmail.com

NC/QC/YPD/2020-21/W5-SP-CB2 **Date: 24-02-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	17-02-21	24-02-21	07	22500	380	16.89	**16.89**
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	390	17.33	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : 1st Cross Road(LHS)

Asst. Executive Engineer
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NC/QC/YPD/2020-21/W5-SP-CB3 **Date: 27-02-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur)
Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-02-21	27-02-21	07	22500	375	16.67	**16.74**
	002	"	"	"	"	385	17.11	
	003	"	"	"	"	370	16.44	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Lakshmayya Garden(RHS)

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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NC/QC/YPD/2020-21/W5-SP-CB4 **Date: 02-03-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-02-21	02-03-21	07	22500	370	16.44	**16.67**
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	375	16.67	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : 2nd Cross Road(LHS)

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-63

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NC/QC/YPD/2020-21/W5-SP-CB5 **Date: 04-03-2021**

L. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-02-21	04-03-21	07	22500	380	16.89	**16.81**
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	385	17.11	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : HemannaSwami Road(RHS)

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NC/QC/YPD/2020-21/W5-SP-CB6 **Date: 06-03-2021**

I. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	27-02-21	06-03-21	07	22500	370	16.44	**16.52**
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	365	16.22	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Cross Road(RHS)

NEWZEN CONSULTANT Bangalore

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NCQC/YPD/2020-21/W5-SP-CB7 **Date: 08-03-2021**

II. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
[Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	01-03-21	08-03-21	07	22500	370	16.44	**16.22**
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	360	16.00	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Kannappa condiments Road(LHS)

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NCQC/CVPD/2020-21/W5-SP-CB8 **Date: 10-03-2021**

TEST REPORT ON CEMENT CONCRETE CUBES:

Test: Testing of Concrete Cubes (for 07days Compressive Strength).
Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl. No.	Location/ Mark/Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	CB1	03-03-21	10-03-21	07	22500	385	17.11	**16.59**
2	CB2	"	"	"	"	370	16.44	
3	CB3	"	"	"	"	365	16.22	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : 1st Cross Road(RHS)

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NCQC%PD/2020-21/W5-SP-CB9 **Date: 12-03-2021**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
[Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl. No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-03-21	12-03-21	07	22500	365	16.22	**16.15**
2	002	"	"	"	"	370	16.44	
3	003	"	"	"	"	355	15.78	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Lakshmayya Garden(LHS)

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Asst. Executive Engineer
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NCQC/YPD/2020-21/W5-SP-CB10 **Date: 16-03-2021**

L. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
[Project*: Developments of roads and drains at Srinivasapura in Ward No.05 (Jakkur) Byatarayanapura Sub division.}
Ref.: Material testing/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: S.K. Keshavamurthy, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl. No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	06-03-21	16-03-21	07	22500	360	16.00	**16.07**
	002	"	"	"	"	355	15.78	
	003	"	"	"	"	370	16.44	

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : 2nd Cross Road(RHS)

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